



Re: benthic ACR 📎

Burt Shephard to: John Toll

11/10/2008 01:03 PM

Cc: Eric Blischke, "Helle B. Andersen", "McKenna, Jim", "Keith Pine",
"Lisa Saban", "Wyatt, Robert", "Shannon M. Katka"

John,

Our intent was less than or equal to 21 days for the inverts, and less than or equal to 30 days for fish for application of ACRs. ACRs only get applied to the mortality endpoint, no other toxicological endpoint such as reproduction or growth. So strictly speaking, a study that runs 21 days and one minute does not have an ACR applied to it.

Best regards,

Burt Shephard
Risk Evaluation Unit
Office of Environmental Assessment (OEA-095)
U.S. Environmental Protection Agency, Region 10
1200 6th Avenue
Seattle, WA 98101

Telephone: (206) 553-6359
Fax: (206) 553-0119

e-mail: Shephard.Burt@epa.gov

"If your experiment needs statistics to analyze the results, then you ought to have done a better experiment"

- Ernest Rutherford

"John Toll" <johnt@windwardenv.com>



"John Toll"
<johnt@windwardenv.com>

11/10/2008 12:58 PM

To Eric Blischke/R10/USEPA/US@EPA

cc Burt Shephard/R10/USEPA/US@EPA, "McKenna, Jim"
<Jim.McKenna@portofportland.com>, "Wyatt, Robert"
<rjw@nwnatural.com>, "Keith Pine"
<kpine@anchorenv.com>, "Helle B. Andersen"
<helleb@windwardenv.com>, "Shannon M. Katka"
<shannonk@windwardenv.com>, "Lisa Saban"
<lisas@windwardenv.com>

Subject benthic ACR

Hi Eric. Did you want the ACR applied to benthic mortality endpoints from studies < 21 days or =< 21 days duration? John

John Toll, Ph.D.
Partner
Windward Environmental LLC
200 West Mercer Street, Suite 401
Seattle, WA 98119-3958

(206) 812-5433
(206) 913-3292 (cell)
www.windwardenv.com

The information contained in this e-mail message is intended only for the personal and confidential use of the recipient named above. This message may be an attorney-client communication and as such is privileged and confidential. If the reader of this message is not the recipient named above or an agent responsible for delivering it to the intended recipient, the reader is hereby notified that this message has been received in error and that any review, dissemination, copying or distribution of this message is strictly prohibited. If you have received this message in error, please notify the sender immediately, and delete this message.